

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application.

COMPLETE LISTING OF THE CLAIMS:

Claims 1-2 : (Canceled)

Claim 3 : (New) A dual antenna arrangement for transmitting and receiving data in a quadrature amplitude modulation transceiver having in -phase (I) and quadrature (Q) transmit and receive channels, comprising:

- a) a pair of radio frequency antennas; and
- b) a switching circuit for operatively switching the antennas to the I and Q channels between
 - i) an antenna evaluation mode in which both antennas are simultaneously connected to the I and Q receive channels for selection of one of the antennas having a greater received signal strength, and
 - ii) an operating mode in which the selected one of the antennas is connected to the I and Q receive channels for receiving the data, and in which the other of the antennas is simultaneously connected to the I and Q transmit channels for transmitting the data.

Claim 4 : (New) The arrangement of claim 3, and a power amplifier between the I and Q transmit channels and the other of the antennas.

Claim 5 : (New) The arrangement of claim 3, wherein the antennas are incorporated in a portable data collection terminal.

Claim 6 : (New) A method of transmitting and receiving data in a quadrature amplitude modulation transceiver having in -phase (I) and quadrature (Q) transmit and receive channels, comprising the steps of:

- a) providing a pair of radio frequency antennas; and
- b) operatively switching the antennas to the I and Q channels between
 - i) an antenna evaluation mode in which both antennas are simultaneously connected to the I and Q receive channels for selection of one of the antennas having a greater received signal strength, and
 - ii) an operating mode in which the selected one of the antennas is connected to the I and Q receive channels for receiving the data, and in which the other of the antennas is simultaneously connected to the I and Q transmit channels for transmitting the data.

Claim 7 : (New) The method of claim 6, and connecting a power amplifier between the I and Q transmit channels and the other of the antennas.

Claim 8 : (New) The method of claim 6, and incorporating the antennas in a portable data collection terminal.